

**CALDWELL COUNTY REPORT
OF
ENDANGERED, THREATENED, AND SPECIAL CONCERN
PLANTS, ANIMALS, AND NATURAL COMMUNITIES
OF
KENTUCKY**

**KENTUCKY STATE NATURE
PRESERVES COMMISSION
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www.naturepreserves.ky.gov

Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered

SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled

GU = Unrankable

G2 = Imperiled

G#? = Inexact rank (e.g. G2?)

G3 = Vulnerable

G#Q = Questionable taxonomy

G4 = Apparently secure

G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)

G5 = Secure

GH = Historic, possibly extinct

GNR = Unranked

GX = Presumed extinct

GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled

SU = Unrankable

S2 = Imperiled

S#? = Inexact rank (e.g. G2?)

S3 = Vulnerable

S#Q = Questionable taxonomy

S4 = Apparently secure

S#T# = Intraspecific taxa

S5 = Secure

SNR = Unranked

SH = Historic, possibly extirpated

SNA = Not applicable

SX = Presumed extirpated

Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M):

S#B = Rank of breeding population

S#N = Rank of non-breeding population

S#M = Rank of transient population

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county

H - reported from the county but not seen for at least 20 years

F - reported from county & cannot be relocated but for which further inventory is needed

X - known to be extirpated from the county

U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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County	Taxonomic Group	Scientific name	Common name	Statutes	Ranks	# of Occurrences				
						E	H	F	X	U
Caldwell	Vascular Plants	<i>Aesculus pavia</i>	Red Buckeye	T /	G5 / S2S3	0	0	0	1	0
		Swamp forests, usually stagnant (Weakley 1998); rich damp woods (Gleason & Cronquist 1991); woods and thickets.								
Caldwell	Vascular Plants	<i>Baptisia australis</i> var. <i>minor</i>	Blue Wild Indigo	S /	G5T5 / S2S3	0	1	0	0	0
		GLADES, BARRENS, OPEN WOODLANDS, PRAIRIES, OAK SAVANNAS OR AREAS THAT WERE FORMERLY SUCH COMMUNITIES (WEAKLEY 1998); IN KY, PRAIRIE PATCHES.								
Caldwell	Vascular Plants	<i>Carex stipata</i> var. <i>maxima</i>	Stalkgrain Sedge	H /	G5T5? / SH	0	1	0	0	0
		SWAMPY WOODLANDS.								
Caldwell	Vascular Plants	<i>Chelone obliqua</i> var. <i>speciosa</i>	Rose Turtlehead	S /	G4T3 / S3	2	0	0	0	0
		FLOODPLAIN FORESTS, SWAMPS AND SLOUGHS; ALSO ALLUVIAL WOODS (FERNALD 1970).								
Caldwell	Vascular Plants	<i>Cimicifuga rubifolia</i>	Appalachian Bugbane	T / SOMC	G3 / S2	1	0	0	0	0
		Cool mountain woods (Gleason & Cronquist 1991); mesophytic forest on n facing (?) slopes, river bluffs and ravines.								
Caldwell	Vascular Plants	<i>Lespedeza stuevei</i>	Tall Bush-clover	S /	G4? / S3?	0	1	0	0	0
		Dry hillside, woodland.								
Caldwell	Freshwater Mussels	<i>Toxolasma texasiensis</i>	Texas Lilliput	E /	G4 / S1	1	0	0	0	0
		LOW GRADIENT STREAMS OR SLOUGHS WITH SOFT BOTTOMS (I.E., MUD OR SMALL SAND OR GRAVEL) AND ALSO RESERVOIRS (PARMALEE 1967, CUMMINGS AND MAYER 1992).								
Caldwell	Freshwater Mussels	<i>Villosa vanuxemensis</i>	Mountain Creekshell	T /	G4 / S2	0	0	0	1	0
		INHABITS SAND TO HETEROGENOUS MIXTURES IN AND ADJACENT TO SHALLOW RIFFLES AND SHOALS IN SLOW TO FAST CURRENT OF SMALL TO MEDIUM-SIZED STREAMS (AHLSTEDT 1984, GORDON AND LAYZER 1989).								
Caldwell	Fishes	<i>Erimyzon sucetta</i>	Lake Chubsucker	T /	G5 / S2	1	0	0	0	0
		LOWLAND LENTIC HABITATS (WETLANDS AND FLOODPLAIN LAKES) WITH SUBMERGENT AND FLOATING VEGETATION (BURR AND WARREN 1986, ETNIER AND STARNES 1993).								
Caldwell	Amphibians	<i>Hyla avivoca</i>	Bird-voiced Treefrog	S /	G5 / S3	3	0	0	0	0
		IN KENTUCKY, THE SPECIES APPEARS TO BE RESTRICTED TO FLOODPLAIN WETLANDS, ESPECIALLY THOSE DOMINATED BY BALD CYPRESS, WATER TUPELO, GREEN ASH, AND BUTTONBUSH.								
Caldwell	Amphibians	<i>Hyla gratiosa</i>	Barking Treefrog	S /	G5 / S3	14	6	0	0	0
		IN KENTUCKY, THE SPECIES IS KNOWN FROM SWAMPS AND SINKHOLE PONDS, SOME OF WHICH ARE SITUATED IN PASTURES, HAYFIELDS, AND AGRICULTURAL CROP FIELDS.								
Caldwell	Reptiles	<i>Nerodia erythrogaster neglecta</i>	Copperbelly Water Snake	S / SOMC	G5T2T3 / S3	3	1	0	0	0
		Floodplain sloughs, swamps, hardwood forest and adjacent uplands. Seems to do well in KDFWR moist soils management units on Sloughs WMA, Henderson Co. Seems to avoid wetlands impacted by acid mine drainage (Fide H. Bryan).								
Caldwell	Reptiles	<i>Thamnophis sauritus sauritus</i>	Eastern Ribbon Snake	S /	G5T5 / S3	2	0	0	0	0
		Variety of semi-open habitats, generally in weedy or brushy growth along the margins of sloughs, marshes and other aquatic habitats.								
Caldwell	Breeding Birds	<i>Ammodramus henslowii</i>	Henslow's Sparrow	S / SOMC	G4 / S3B	2	0	0	0	0
		OPEN FIELDS & MEADOWS W/ GRASS INTERSPERSED W/ WEEDS OR SHRUBBY VEG., ESPEC. IN DAMP OR LOW-LYING AREAS, ADJACENT TO SALT MARSH IN SOME AREAS. IN MIGRATION & WINTER ALSO IN GRASSY AREAS ADJACENT TO PINE WOODS OR SECOND-GROWTH WOODS.								
Caldwell	Breeding Birds	<i>Anas discors</i>	Blue-winged Teal	T /	G5 / S1S2B	1	0	0	0	0
		MARSHES, PONDS, SLOUGHS, LAKES AND SLUGGISH STREAMS. IN MIGRATION AND WHEN NOT BREEDING, IN BOTH FRESHWATER AND BRACKISH SITUATIONS (B83 COM01NA).								
Caldwell	Breeding Birds	<i>Thryomanes bewickii</i>	Bewick's Wren	S / SOMC	G5 / S3B	2	0	0	0	0
		BRUSHY AREAS, THICKETS AND SCRUB IN OPEN COUNTRY, OPEN AND RIPARIAN WOODLAND, AND CHAPARRAL, MORE COMMONLY IN ARID RE- GIONS BUT LOCALLY ALSO IN HUMID AREAS (SUBTROPICAL AND TEM- PERATE ZONES) (B83COM01NA). FOUND IN COUNTRY TOWNS AND FARMS								

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Caldwell	Mammals	<i>Myotis grisescens</i>	Gray Myotis	T / LE	G3 / S2	1	0	0	0	0
		Gray bats use primarily caves throughout the year, although they move from one cave to another seasonally. Males and young of the year use different caves in summer than females.								
Caldwell	Communities	<i>Acidic mesophytic forest</i>		/	GNR / S5	0	1	0	1	0